

# INDIANA DUNES STATE PARK

1600 North 25 East • Chesterton, IN 46304-1142 • (219) 926-1952  
2,182 acres Established 1925

- Alcoholic beverages are prohibited except in designated areas.
- Maps and information available at park gatehouse.

Lake Michigan can be dangerous.  
For your safety, swim in guarded areas only.  
Pets are strictly prohibited on Swimming Beach.

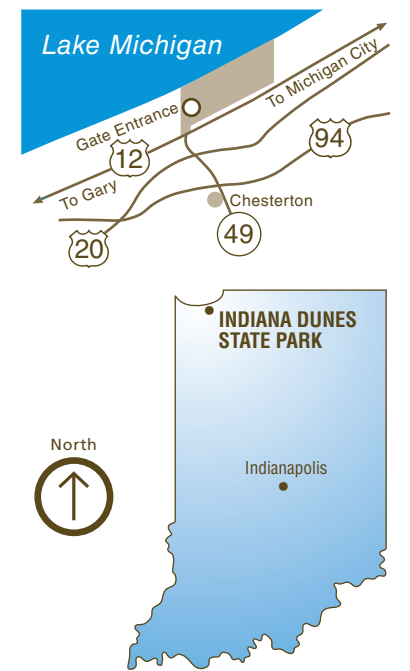
J.D. MARSHALL  
UNDERWATER  
PRESERVE  
100 acres

Indiana Dunes National Park

## INDIANA DUNES STATE PARK

It should be noted that one of the purposes for the park is to protect and preserve this rare landscape. Many sensitive plants and animals live on the dunes and are easily affected by erosion caused by foot traffic and other activities. Hiking in areas other than marked trails or designated areas is prohibited.

### LOCATION MAP



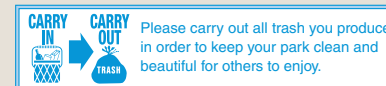
### TRAIL TABLE

Trail mileage is approximate.

TRAIL	MILEAGE	TRAIL TYPE
2	3	Easy
3	1	Moderate
4	.75	Moderate
7	1.1	Moderate
8	1.5	Rugged
9	3.75	Rugged
10	5.5	Moderate

### LEGEND

	Boundary		Accessible
	Road		Parking
	Hiking Trail		Comfort Station
	Hike/Bike Trail		Camp Store
	Connecting Trail		Restaurant
	Marsh Area		Picnic Area
	Nature Preserve		Shelter
	Boardwalk		Dump Station
	Railroad		Observation Platform
			Nature Center



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# Indiana Dunes State Park

Chesterton, IN

**LOCATION:** North Orchard Area

**LAT/LONG:** 87°3'0.906"W 41°39'29.283"N  
(Proposed center of unit)

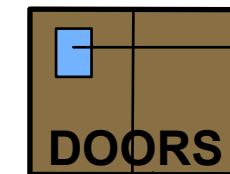
**DATE:** JANUARY 15, 2024

## SITE DETAILS

Proposed Vault Location over 100' from closest property line.

No pond or lake exists within 100' of proposed location.

Closest potable water line is over 10' away.



Solar panel placement

Front entry doors

## VAULT TOILET INFORMATION

## GRADE, SEED, AND STRAW DISTURBED AREAS

Seed mix to be:  
 Beck's Waterway Mix BWM-215265  
 44.25% Fawn Tall Fescue  
 43.65% Nexus XD Perennial Ryegrass  
 4.95% Creeping Red Fescue  
 Seeding rates to be applied per Beck's specs.

TO NATURE  
CENTER

620

620

610

600

DRAINAGE

DRAINAGE

DRAINAGE

DRAINAGE

10' Apron

DOORS

Future accessible route to be provided from parking space to vault toilet. Route not part of this project.

VAN

Gravel Drive

Gravel Drive

PICNIC  
SHELTER

Contractor to remove and dispose of existing vault toilet and surrounding concrete. Drill holes in concrete vault to drain and backfill with soil. Grade to match existing surrounding grades and seed/straw area per specs.

## PROPOSED LOCATION OF DOUBLE VAULT TOILET (with solar panels)

Soil under the landing and walks needs to be exposed to dry conditions for a min. of 72 hours before mechanical compaction of the soil takes place and stone placed.

Stone under the landing and walks shall be 12" of dry #8 stone placed in no more than 4' compacted lifts.

Any over dig of the vault in the front of the unit is to be backfilled with compacted #8 stone. (See attached drawing)

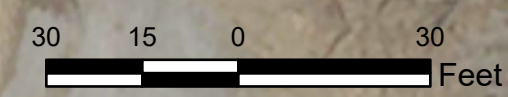
Vault toilet shall be backfilled to rough grade following placement for positive drainage away from the unit.

10' concrete apron outside doors with less than 2% slope. Slope to meet ADA requirements.

Finish floor: 4" above surrounding elevation. Contractor to meet ADA requirements.

Weed barrier fabric to be installed around back and sides of vault toilet. On fabric, place river gravel (size 1"+) to a 3" depth around three sides of vault. Stone and fabric should measure 12" out from perimeter walls.

12' wide X 22' deep van accessible parking space with 5' wide access lane to be painted with ADA blue striping. Contractor to provide and install parking bumper. No signage required.



# Indiana Dunes State Park

Chesterton, IN

**LOCATION:** Picnic/Playground Area

**LAT/LONG:** 87°3'42.688"W 41°39'28.927"N  
(Proposed Center of Unit)

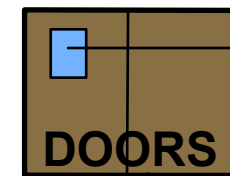
**DATE:** JANUARY 15, 2024

## SITE DETAILS

Proposed Vault Location over 100' from closest property line.

No pond or lake exists within 100' of proposed location.

Closest potable water line is over 10' away.



Solar panel placement

Front entry doors

## VAULT TOILET INFORMATION

## GRADE, SEED, AND STRAW DISTURBED AREAS

Seed mix to be:

Beck's Waterway Mix BWM-215265

44.25% Fawn Tall Fescue

43.65% Nexus XD Perennial Ryegrass

4.95% Creeping Red Fescue

Seeding rates to be applied per Beck's specs.

## PROPOSED LOCATION OF DOUBLE VAULT TOILET (with solar panels)

Soil under the landing and walks needs to be exposed to dry conditions for a min. of 72 hours before mechanical compaction of the soil takes place and stone placed.

Stone under the landing and walks shall be 12" of dry #8 stone placed in no more than 4' compacted lifts.

Any over dig of the vault in the front of the unit is to be backfilled with compacted #8 stone. (See attached drawing)

Vault toilet shall be backfilled to rough grade following placement for positive drainage away from the unit.

10' concrete apron outside doors with less than 2% slope. Slope to meet ADA requirements.

Finish floor: 4" above surrounding elevation. Contractor to meet ADA requirements.

Weed barrier fabric to be installed around back and sides of vault toilet. On fabric, place river gravel (size 1"+) to a 3" depth around three sides of vault. Stone and fabric should measure 12" out from perimeter walls.

Contractor to remove and dispose of existing vault toilet and surrounding concrete walks. Drill holes in concrete vault to drain and backfill with soil. Grade to match existing surrounding grades and seed/straw area per specs.

Existing van accessible parking space.

30 15 0 30 Feet



# Indiana Dunes State Park

Chesterton, IN

**LOCATION:** Tremont Shelter Area

**LAT/LONG:** 87°2'55.332"W 41°39'11.278"N  
(Proposed center of unit)

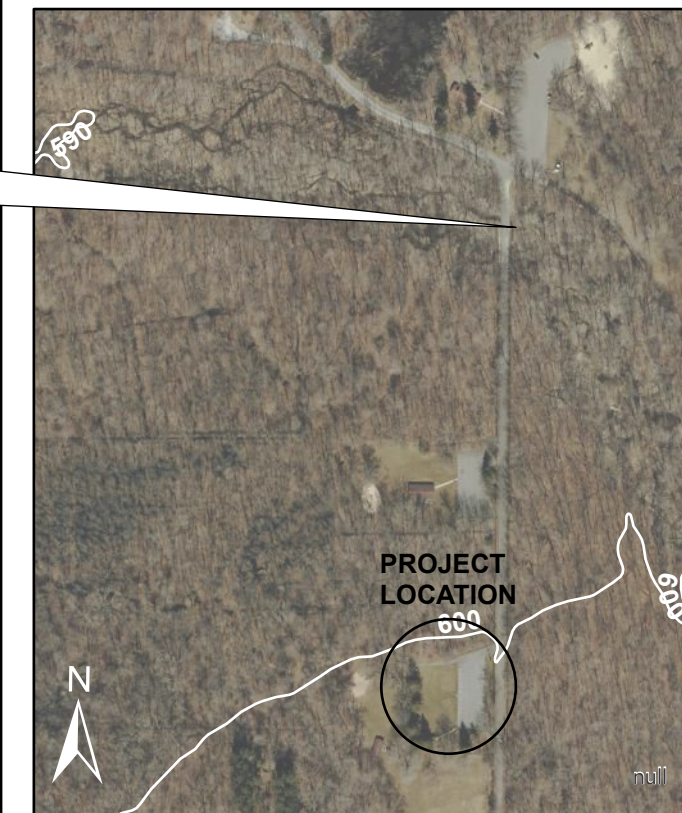
**DATE:** JANUARY 15, 2024

## SITE DETAILS

Proposed Vault Location over 100' from closest property line.

No pond or lake exists within 100' of proposed location.

Closest potable water line is over 10' away.



## VICINITY MAP

### GRADE, SEED, AND STRAW DISTURBED AREAS

Seed mix to be:  
Beck's Waterway Mix BWM-215265  
44.25% Fawn Tall Fescue  
43.65% Nexus XD Perennial Ryegrass  
4.95% Creeping Red Fescue  
Seeding rates to be applied per Beck's specs.

## PROPOSED LOCATION OF DOUBLE VAULT TOILET (with solar panels)

Soil under the landing and walks needs to be exposed to dry conditions for a min. of 72 hours before mechanical compaction of the soil takes place and stone placed.

Stone under the landing and walks shall be 12" of dry #8 stone placed in no more than 4' compacted lifts.

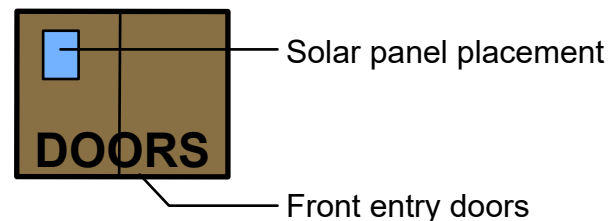
Any over dig of the vault in the front of the unit is to be backfilled with compacted #8 stone. (See attached drawing)

Vault toilet shall be backfilled to rough grade following placement for positive drainage away from the unit.

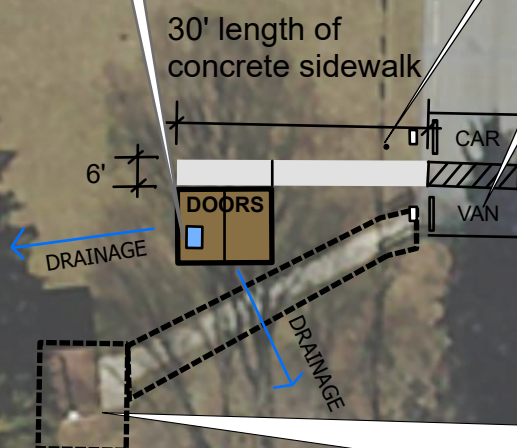
6' concrete apron outside doors with less than 2% slope. Slope to meet ADA requirements.

Finish floor: 4" above surrounding elevation. Contractor to meet ADA requirements.

Weed barrier fabric to be installed around back and sides of vault toilet. On fabric, place river gravel (size 1"+) to a 3" depth around three sides of vault. Stone and fabric should measure 12" out from perimeter walls.



## VAULT TOILET INFORMATION



Terminate existing split rail fence at this point

12' wide X 22' deep accessible parking space with 5' wide access lane to be painted with ADA blue striping. Parking bumpers to be installed and ADA parking signs.

Contractor to remove and dispose of existing vault toilet and surrounding concrete walks. Drill holes in concrete vault to drain and backfill with soil. Grade to match existing surrounding grades and seed/straw area per specs.

## IMPORTANT

Stone and steel highway plates may need to be added at this intersection to stabilize and widen access for low boy. Contractor to restore area back by removing stone/gravel and restoring grades back to existing. Seed and straw with seed mix as noted below.

## IMPORTANT

Access road to project site has a limited load bearing bridge/culvert. This will restrict the size of equipment used to transport and set the vault.

30 15 0 30 Feet



600

GRASS  
DITCH

PARKING  
LOT

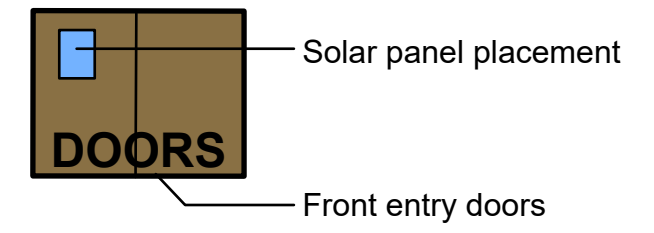
**Indiana Dunes State Park**  
Chesterton, IN

**LOCATION:** City West Area

**LAT/LONG:** 87°3'42.265"W 41°39'34.311"N  
**(Proposed center of unit)**

**DATE:** JANUARY 15, 2024

**SITE DETAILS**  
Proposed Vault Location over 100' from closest property line.  
  
No pond or lake exists within 100' of proposed location.  
  
Closest potable water line is over 10' away.



**VAULT TOILET INFORMATION**

**GRADE, SEED, AND STRAW DISTURBED AREAS**  
  
Seed mix to be:  
Beck's Waterway Mix BWM-215265  
44.25% Fawn Tall Fescue  
43.65% Nexus XD Perennial Ryegrass  
4.95% Creeping Red Fescue  
Seeding rates to be applied per Beck's specs.

Contractor to remove and dispose of existing vault toilet and surrounding concrete. Adjacent concrete walks in this area to remain intact. Drill holes in concrete vault to drain and backfill with soil. Grade to match existing surrounding grades and seed/straw area per specs.

**PROPOSED LOCATION OF DOUBLE VAULT TOILET (With Solar panels)**  
  
Contractor to demo and haul away existing concrete pad and grill adjacent to sidewalk. New vault toilet to be placed a minimum of 10' away from existing water source.  
  
Soil under the landing and walks needs to be exposed to dry conditions for a min. of 72 hours before mechanical compaction of the soil takes place and stone placed.  
  
Stone under the landing and walks shall be 12" of dry #8 stone placed in no more than 4' compacted lifts.  
  
Any over dig of the vault in the front of the unit is to be backfilled with compacted #8 stone. (See attached drawing)  
  
Vault toilet shall be backfilled to rough grade following placement for positive drainage away from the unit.  
  
6' concrete apron outside doors with less than 2% slope. Slope to meet ADA requirements.  
  
Finish floor: 4" above surrounding elevation. Contractor to meet ADA requirements.  
  
Weed barrier fabric to be installed around back and sides of vault toilet. On fabric, place river gravel (size 1"+) to a 3" depth around three sides of vault. Stone and fabric should measure 12" out from perimeter walls.

Coordinate with park manager for existing water line in proximity of this location.

